

PhilMont Mobile Radio Club

The BLURB



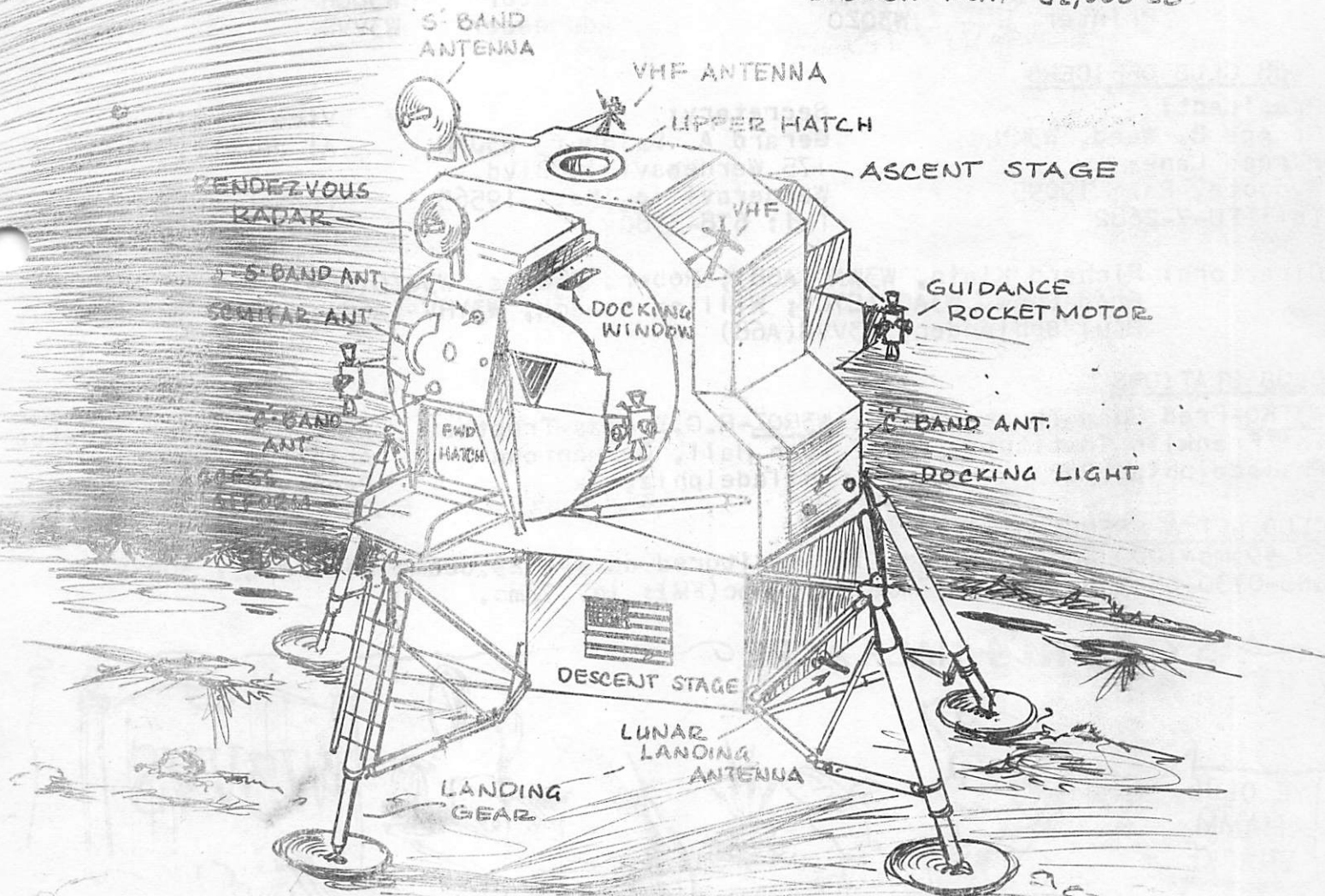
• W3QV • W3TKQ • W3RQZ •

STATISTICS

OVERALL HGT. 22 FT. 11 IN.

OVERALL WIDTH 14 FT.

LAUNCH WGT. 32,000 LBS



The LUNAR MODULE

The BLURB is published monthly by and for the members of the Phil-Mont Mobile Radio Club, Inc. Our purpose is to further the interest of amateur radio in general and mobile radio in particular. We endeavor to keep the news accurate, interesting and educational. Copying and quoting is permitted, with a credit line and we gladly exchange subscriptions with other clubs.

DEADLINE: All material must be in the hands of the Editor before the 15th of the month preceding issue. The BLURB is mailed on the last Monday of each month.

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Directors: Richard Klein, W3WXC(A68); Robert Thomas, W3QZO(E69);
Fred Shaw, W3ADV(E70); William Bubeck, W3YHV-(A68);
Paul Bohlander, W3VVS(A68)

CLUB STATIONS

W3TKQ-Fred Shaw-Trustee
The Franklin Institute
Philadelphia, Pa.

W3RQZ-R.G.Thomas-Trustee
Town Hall, Germantown
Philadelphia, Pa

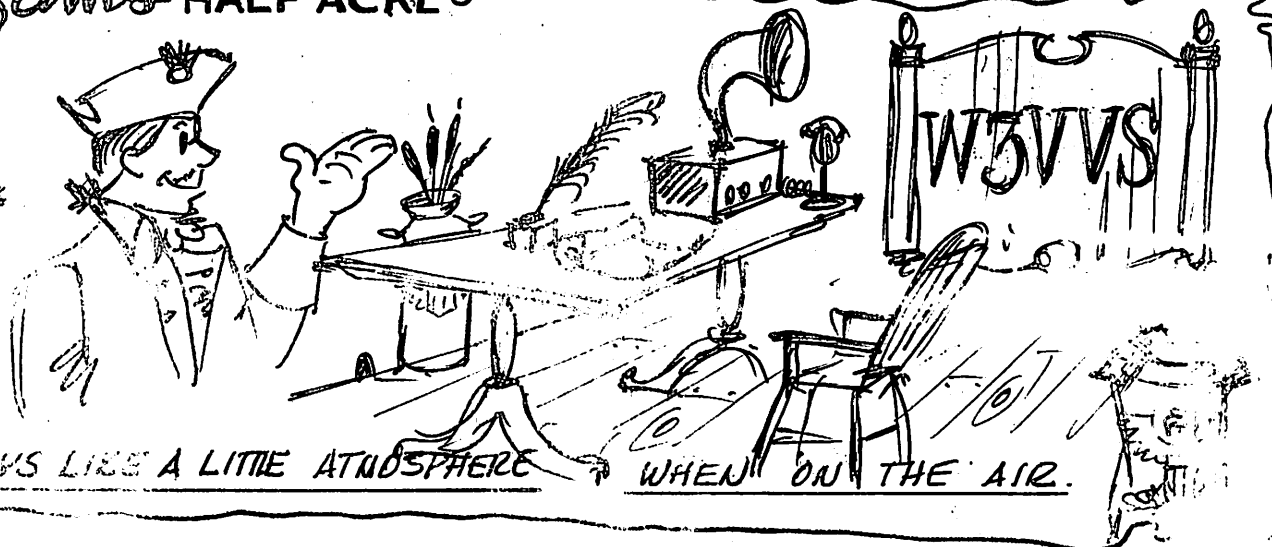
W3QV-C.Spencer-Trustee
Abington Township
Pennsylvania

CLUB NET & FREQUENCIES

29.493mc-1000 Sunday (10-on-10) monitored daily; 29.626mc 2nd Freq.; 3993kc
SSB-0730-0845 daily; 50.7mc; 52.525mc(FM); 147.78mc.

Sam's HALF ACRE

YE OLDE
HAMM
SHACK



SOME DAYS LIKE A LITTLE ATMOSPHERE WHEN ON THE AIR.

THE PREZ SEZ

Historically, the year end is a time for reflection and meditation, and - so it shall be.

Within our membership, we have those who have scarcely given a thought to the Club and without doubt, they far outnumber those who have given a great deal of themselves, either from time to time, or almost continually. I suppose the most difficult realization our non-active members face is the fact that those who are most active in Phil-Mont have time for anything else.

From my limited observation, I would say that the busy ones are busy - period! Either they are involved in Phil-Mont or involved in something else, but the real point is that they gain satisfaction in doing something; and personally, I'm very grateful that they have chosen Phil-Mont as their outlet. By the same token, I am equally grateful for those who, for a multitude of reasons, cannot sincerely accept a responsible position within the organization but offer their support via membership. "They also serve who only stand and wait" might bend the nail a trifle, but it's the best I can do.

I would prefer not to embarrass those who have served so faithfully by singling them out - for we all know who they are. I would rather thank all Philmonters for another fine year of minor confusion, heartwarming fellowship and a somewhat shaky but steady 12 months of progress.

73,

W3KN

* * * * *

PHIL-MONT CALENDAR

Monday	December 2	Regular Meeting, Franklin Institute Voting for 1969 Officers Announcement of 1968 Phil-Mont Awards
Saturday	December 14	Deadline for January BLURB
Wednesday	December 18	Midmonth meeting: K3UWO QTH

THE EDITOR'S VIEW

Phil-Mont has been sending the BLURB to several other ham radio clubs in return for their monthly papers. Over the years as our editorship has changed the clubs with which we exchange papers have not always been notified, with the result that our exchange papers are being sent to diverse addresses rather than to ED. One effect of this is that interesting news from other areas, and even the Philadelphia area, does not get in the BLURB. In addition, ED is deprived of a good source of material that can be stolen for the Technigram and fill.

We hope to rectify this situation in the next few months. For a starter, W3VVS has run off a list of organizations to whom we send the BLURB. They will be notified of ED's address, and come March, no swap paper, no BLURB. The papers received will be brought to midmonth meetings immediately after being scanned for material worth pilfering, so other members can have a chance at them. ED would also like to investigate the possibility of receiving ARRL Bulletins and Affiliated Club Bulletins direct, rather than through Secretary. W3JKH has been very diligent about mailing hot scoop to ED in short time but there are necessary delays in getting ARRL news in our paper that could be avoided by reversing the direction.

Incidentally, we just got a copy of "High-Q" from the Flatbush Radio Club with a request for swapping with the BLURB, which we are honored to reciprocate.

* * * * *

DECEMBER MEETING

As is well known by now, Phil-Mont will hold its election of officers for 1969 on Monday December 2. Rules will be the same as last year and will not be repeated here; no doubt our venerable Judge of Elections, W3AWH, will explain them all on the fateful night.

Candidates for office for 1969 are as follows:

President/Vice-President:	K3UWO, W3VVS
Secretary:	WA3ABU, K3SPS
Treasurer:	WA3DSP, K3NYL
Director:	W3AHP, W3AJ0, W3WXC

DECEMBER MEETING CONT'D

Possibly not so well known is that the Phil-Mont awards will be announced at the December meeting. Balloting took place at the last meeting, and VVS will keep us all gasping for the outcome until the last possible moment. Try to be there. And don't forget that Anne Hecht has invited us for coffee after the meeting. Her apartment is near the Institute. It is Park Towne North, 2200 Benjamin Franklin Parkway, Apartment N 1106.

A NEW PHIL-MONTER

Spike Martin, W3AUF, and his XYL Bobbie, have announced the birth of their second son, Jeffrey. Congratulations to the proud parents and the youngun from ED and all of PMRC!

* * * * *

POSTSCRIPT TO RR TELEPHONES

A report with comments on a recent Senate hearing into the cause of delays in the NY-Washington "high-speed" trains was carried in the October 1968 Trains magazine, from we quote (without permission from the publisher) below.

"Disclaimers included some glib, almost wise-guy, answers. One contractor blamed the railroad for enforcing a specification."

"One bright note appeared. The telephone company had produced good two-way service - on time, with its own money - and was waiting for trains on which to install the new equipment." (And we knew it all the time. Good ole ADV)

* * * * *

OLD OLD TIMERS CLUB

Some local members of the Old Old Timers Club have recently formed an East Penn Del Chapter. The Secretary-Treasurer is Ike Roach, W3ABI, Bryn Mawr. The club is a group of wireless pioneers who began their first two-way radio communications at least 40 years ago. The local chapter has a net on 28650 kHz on Wednesday nights at 2100R. Those interested can contact W3ABI.

de K3UWO

PMRC OLD TIMERS NIGHT

The evening of November 4 was a time for pleasurable dining, relaxation, and thoughts of days when we were all a little (?) younger. W3JGB had the pre-meeting dinner well organized to permit ordering from the menu, despite attendance of 29 Philmonters and friends. The group then moved to the Franklin Institute where W3NIP, with the aid of slides and movies, told us how it was, Baby. Most of the subjects in the pictures who were also at the meeting seemed somewhat shocked at how young and energetic they were ten years ago. W3ADV brought some tapes of voices no longer to be heard, and of the original proposal for sponsorship of W3TKQ.

In all, it was quite a pleasant time, and our thanks go to those who planned and produced it.

* * * * *

DUES INCREASE

The dues increase announced here last month ran into a few major snags during discussion at the November regular meeting. The big question, and certainly a legitimate one, was, "Has anyone made a financial study showing a definite need for an increase?" The answer unfortunately is, "NO."

Hindsight always seems to possess a logic and clarity not often found in foresight, so on looking back at the October midmonth meeting where the subject first came up officially, it is plain that those present (including ED) should have thought of commissioning some sort of financial analysis of our situation before going off half-cocked. And this will no doubt be done before any more proposals to raise dues are made. On behalf of those at the MM, it must be said that these are the REALLY active Philmonters, and in their enthusiasm for promoting a vigorous program of continuing improvement, they are less tempted to acknowledge financial limitations than some of the "nominally" active members.

It is obvious that before any accommodation can be reached, an accurate budget will have to be produced that will, more than ever, have to be realistic. In the mean time the BLURB once more urges you to write a letter for publication stating your thoughts for consideration by the formulators of the budget. For a starter, we are printing some comments by W3QQH elsewhere in this issue. Now lets hear from YOU.

CANDIDATES COMMENTS

Last month ED announced that in order to allow candidates for the office of President to make known their views, the BLURB would publish a statement by each nominee. This offer was further extended to nominees for other offices, but none of these replied. Here then, are the well considered thoughts of our two presidential aspirants.

K3UWO, Robert E. Mynster

I appreciate the honor of being asked to run for President of Phil-Mont. I also realize that I have no extremely brilliant ideas or pat answers to enable us to have a successful year. That will require a lot of help from a lot of members.

One thing that is important is the realization that any club worth joining, is worth working for, to the best of a member's ability. This does not mean only performing the little jobs. It also means assisting in all the organizational details, serving on committees, or as an officer when needed.

This year I served as chairman of the Field Day Committee. The committee decided to try a new approach to this annual activity. Without any comments about whether or not it was successful, we did have some activity. This happened because somebody had a new idea. We need more new ideas.

If I am elected to the office of president of Phil-Mont for the next year, I hope to be able to put many of the members to work. By "work" I mean developing ideas to keep the club operating as a "Top of the Heap" club. This is what it has been in the past, and hopefully will continue to be.

In conclusion, I want to thank the members who nominated me. It gives me a feeling of belonging to the organization, although my time in the club is not long. I also want to request that all members do their best to help the new officers, whoever they are.

Thank you,

Bob, K3UWO

CANDIDATES COMMENTS (Cont'd)

W3VVS, Paul Bohlander

Several weeks ago the Editor of the BLURB asked me to write several hundred words as a campaign message. I tried several times to set something down on paper without much success; however, with a deadline at hand, here is a message.

Last year at this time, Phil-Mont was struggling to solve several problems related to such matters as the banquet, the activity on Channel 1, and just generally getting "back on our feet", so to speak. At that time, the club officers asked the membership to make suggestions to help improve our situation. This year, it seems to me, we are faced with a continuing challenge, and once again it is up to the membership to work with the elected officers to solve our mutual problems.

Is our program lacking interest? Do we need a club project? Do we need to raise the dues, get a better multilith press, a bigger gas tank for the bus, or should we perhaps try basketweaving?

Our individual association with the club ranges from reading the BLURB, working a 75 meter SSB net, participating in a communications exercise, or reporting into the 10-on-10 net at 10:30 AM, to enjoying the social aspects and fellowship of a monthly meeting. Just what does hold us together and make us tick? Perhaps it is time you asked yourself; "what can I do for my club?"

de W3VVS

MEMBER PROFILE: W3AWH, John J. Tinaqlia, Esq.

While attending Princeton during the war, and receiving his ROTC training at Ft. Bragg, John was requested to transfer to the Air Force, as they were badly in need of navigators. Once this was accomplished, here is our John in air-sea rescue, working on a B-17 as a navigator in conjunction with subs out of Iwo and Saigon. They carried a 32-foot boat underneath the B-17. The boat carried four parachutes and was dropped from the plane to downed flyers.

Back at camp there was a radio man who confiscated their liquor ration in order to scrounge enough parts to build a transmitter. (He even used some Jap parts - guess they were cheaper even then.)

Immediately after the war, John met THE girl, Molly, a Bryn Mawr grad. They were married, he went back to Princeton to finish, and Molly went to Columbia for post--graduate work. They both spent the last year on the Princeton campus. After he graduated, John entered the University of Pennsylvania Law School. Molly had twins just before the first exams and in spite of this (Or because of it. - ED) John passed, later received his Law degree, and was admitted to the Bar in 1951.

Right about this time things got a little slow and the Ham Bug got its chance. He worked at it and got his ham ticket, had a time DXing, got a WAS certificate, and was CD Radio Officer in Lower Merion.

John has been a member of Phil-Mont since 1955. He has been President, Chairman of the nominating committee and Elections Board, and Editor of the BLURB. He has a quiet but strong voice in Phil-Mont affairs and has often pointed out possibilities for avoiding trouble. One thing we will not forget is that he drew all necessary papers and made arrangements for the Incorporation of Phil-Mont, after he had emphasized the many advantages of incorporation.

John has three children in college, and wouldn't you know, they are in three different schools: Lafayette, Washington and Lee, and Mount Holyoke.

de W3OWK

LETTER TO THE EDITOR

ED:

I have set-down here, as I see them, factors effecting dues in Phil-Mont in the form of arguments to a question.

Question: Should Phil-Mont Mobile Radio Club Raise it's dues from \$6.00 per year.

Pro---

A. Dues have remained stable from 1950 to 1968. What other expense can you think of that have not gone up?

B. We have obligated ourselves to an unsurpassed Communications vehicle. Maintaining it at it's present level or improving it will take additional funds. It should be repainted in the near future. IF we are to encourage Emergency Communications, the vehicle should be shown more, advertised and promoted. Funds will be needed for this.

C. Special events are taking more expenses. They are more meaningful, accomplish public service. AMA Nationals in 1969 will require some funds.

D. BLURB expenses have been held down to \$300.00 for 1968 only at the expense of quality. Budget for 1961 was \$150.00 with 74 members; in 1968 it was \$300.00 with 120 members. Stamps have doubled in cost, paper and all supplies and repairs have increased. Occasional large issues have further increased costs. Directories and special mailings have upped mailing costs.

LETTER TO THE EDITOR CONT'D

E. Club is considering purchase of newer printing equipment for 1969. No capital improvements money is available for this.

F. Associate Dues should be increased to better cover BLURB costs. Let everybody pay their own way.

Con---

A. Why raise the dues just because they have not been increased since 1950. That's the way the government thinks.

B. The 1968 Budget allotted \$375.00 for Com Vehicle Improvement -- Why not use this same amount in 1969 for improved BLURB printing equipment.

C. Are all other accounts pared to their essential expenses.

D. Don't be like the government -- Look for ways to save, NOT JUST NEW SOURCES OF INCOME.

E. Look to those accounts that are not up to expected income for improvement -- Dues, Chow, Prize chances.

F. Increase the number of dues-paying members, not the dues paid by existing members.

G. If increases are proposed, give consideration to student membership at reduced rates and senior citizen rates for those on fixed incomes.

73,

W3QQH

SCOOP

W3ADV has picked up the ball and is now an NCS of 10-on-10 Net. He had a VE4 check in on his first day as control.. W3WXC has been picking up BLURB printing supplies, saving the printer a rushed lunch hour...Don't forget coffee at Anne Hecht's after the December meeting. Details elsewhere in this issue...W3YHV couldn't stand the complaints any longer so he repaired his DX-100 and can now be heard checking into the net on 10. Bill was back to New England on a business trip and had planned to take his camper to Va. for some fishing, but early snow changed his mind for him...ED got a lengthy letter from KØNL recently. Andy still prints the Autocall for all of the D.C. radio clubs even though he has retired and moved back to Kansas. He gave the printer a lot of good advice and helpful tips...W3AES just got DXCC in his own magnificent style-with 200 countries...W3GIF has been using his new SSB rig to work JAs and other goodies...Will W3FWI ever get his Tribander tuned??..WA3DMR making steady progress in construction of his Hot-Water-Twelve.

W3CW travelled all over Italy, France and England. All wanted to know what happened to PMRC on the SW bands... K3UWO has added another ten feet to his tilt-over tower, enabling him to make antenna adjustments more easily. Expects to be on 6 meter FM soon...K3SPS is back on SSB with a TR-3...W3OWK offered to help QQH with the repeater, but to his surprise got handed a pick and shovel instead of a soldering iron...After years of angrily yanking inserts from magazines advertising radio schools, art courses, law degrees and more magazines, it was with great pleasure that ED removed the new band-assignment with other ham radio data...W3JKH heard in this area on 52.525 mobile...W3QQH wumped up his new mobile installation in record time. Only control heads (for 10, 6, 2, fire, police) are under dash. Speaker will be behind roof liner, directly over driver's head...K3UWO worked Australia on 40 mobile. He is also bragging that on Halloween he was not only able to get into his WWII uniform, but could bend over and sit down in it. Just goes to show what good seams they made in those days.

W3IWO has a three element ten meter beam and is working-out like mad...Some of our old Texas contacts have inquired what has happened to Phil-Mont on ten meters. We've been asking questions like that here for the last nine years. If all the people who complain about lack of activity would listen a little bit and answer one mobile call PER WEEK, the frequency would be hot. Actually it isn't too bad,

SCOOP (Cont'd)

and new stations are coming on to replace the grippers. K3KNH, now that he has finished his fixed rig is getting ready to go mobile with a converted CB transceiver. W3AES recently got a commercial-type coax raised and is monitoring...W3PXY has been to England on business. George must have heard about the brain drain, and decided to get one before they were all gone...W3DGP is getting on 6 meter FM...W3VXN is no longer at AEL. Bill now works for Chilton Publishing Co. What's with our Presidential candidates?? W3VVS is still in the process of moving his shack, and now we learn that K3UWO is moving his, too. Paul is using an Early American motif (in keeping with the vintage of his equipment, no doubt)...W3AHP has difficulty being heard at 7:00 AM...Imagine W3JKH checking into the 75 SSB net...Report from ARRL is that we collected so much equipment for Ghana hams that they couldn't possibly use all, so some will be diverted to other countries in similar straits...Means of shipping the loot to Hartford without expensive packing are being investigated.. W3DSG dropped in on the Newtown Square gang at one of their Friday evening outings. Two meter activity picks up 300% on Friday between 8 and 9PM...W3DMR would be good competition for WFLN if rules permitted. XYL is an accomplished oboe player. And while on the subject of music, Rick Spencer has been occupied this fall with school band concerts...We understand that Bucks County RACES is taking pains to get their stations down on their nominal net frequency of 29.480...WN3KLR, Tom Bohlander, participated in ARRL Frequency Measuring Test, and wound up with an average error of 13.5 p.p.m., five times better precision than is needed to qualify for top-grade OO!!!.. At first W3QQH said if there was an automotive electrical gadget his new car didn't have, he would like to know what it was. Now he knows; it is an electric trunk lock, and he is getting ready to buy or build one... The response to the request for BLURB news at the November meeting was excellent. Much of the above scoop came from that source, so you see, what you are doing is interesting to others. Keep the news coming in. You may win up to \$100 for each item submitted.

HOLIDAY STRAWBERRY PUNCH

Ingredients:

12 eggs (separated)
1½ qt. heavy cream
6½ lb. frozen strawberries
3 qt. milk
¾-cup sherry or rum
¾-cup sugar

Beat egg yolks, add cream and strawberries. Add milk and sherry. Beat egg whites until foamy. Gradually add sugar a small amount at a time, beating constantly until stiff and glossy. Fold into strawberry mixture. Serve garnished with whole strawberries and sprinkle with nutmeg. Makes 2½ gallons. (We do things in a BIG way at Phil-Mont.) Ingredients may be reduced to make quantity desired.

This recipe was furnished by restaurateur K3KNH (thus the large quantity) who says it was published in a national trade magazine that prints recipes from famous restaurants.

* * * * *

SWAP AND SHOP

WANTED: Well-cared-for Drake 2B (and 2BQ, possibly).
V.E. Rutter, W3HG, 6 Bluebird Drive, Wyomissing,
Pa. 19610. Telephone 215-375-0633

WANTED: Heath SB-101. John Mestishen, K3TSN
334 S. Nicholas St. St. Claire, Pa. 17970
Telephone 717-429-1377.

W3JKH will provide transportation for above items.

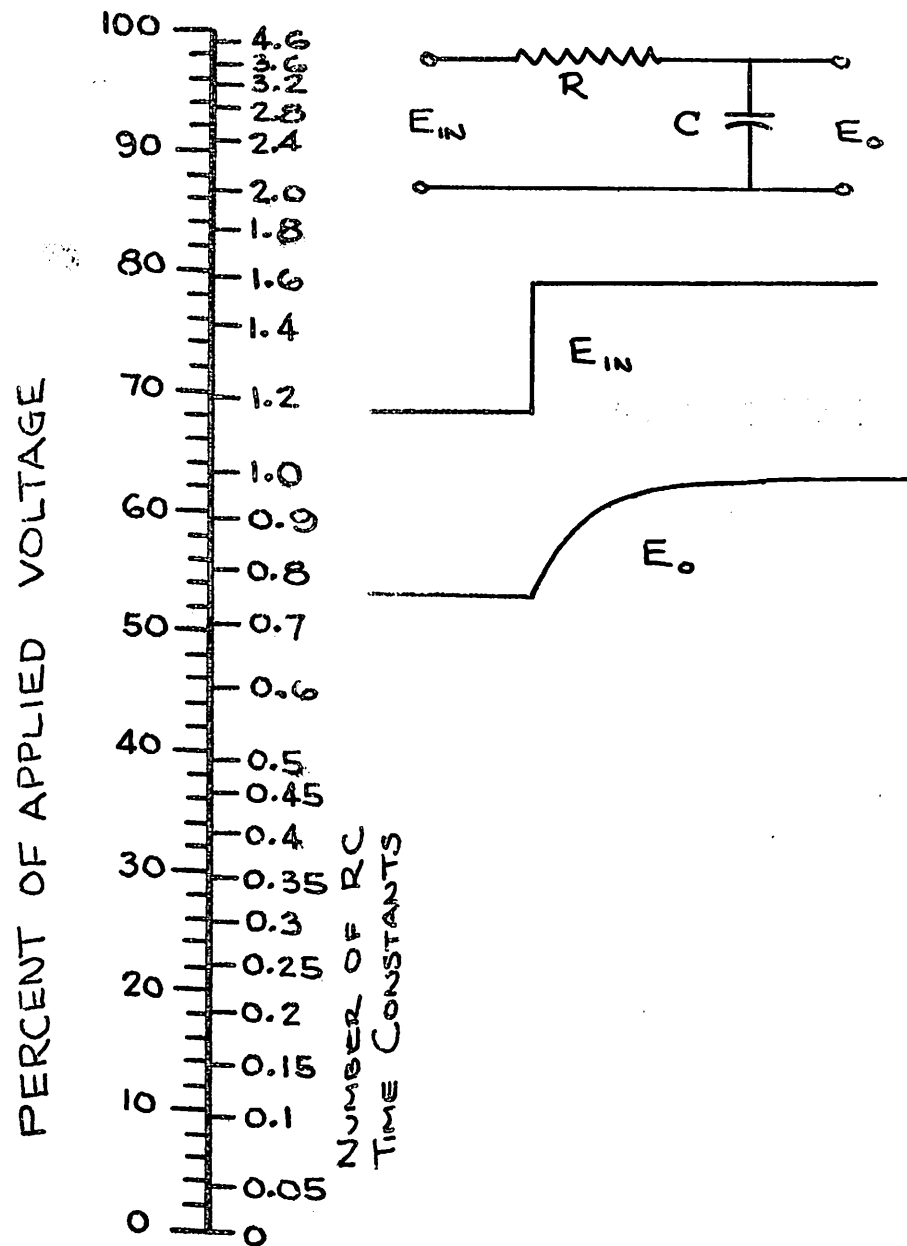
WANTED: National NCX-5	Contact: Gene Mitchell
NCL-2000	335 Conestoga Rd.
NCX-A	Devon, Pa. 19333
VX-501	NI4-5730

FOR SALE: Misc. Motorola FM Equipment for 2 meters.
Contact: Gene Mitchell
335 Conestoga Rd.
Devon, Pa. 19333
NI4-5730

FOR SALE: Johnson messenger two, 12 V DC and 110 V AC,
10 Channel T/R with xtal for 29403 kHz T/R and tuneable
revr---\$75.00 KAAR IMP---xtal controlled T/R147.21 MC A.M.
12 V DC and 110 V AC \$40.00....Fisher FM-80 tuner w/manual
....Contact Jim Spencer W3QQH 215-884-8469

TECHNIGRAM

CHARGE TIME COMPUTATION



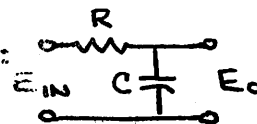
THIS CHART IS USEFUL FOR DETERMINING R AND C VALUES FOR USE IN TIME DELAY CIRCUITS, MULTIVIBRATORS AND FILTERS. IT IS BASED ON THE EQUATIONS $E_O = E_{IN} (1 - e^{-\frac{t}{RC}})$ WHERE t IS IN SECONDS

R IS IN MEGOHMS

C IS IN MICROFARADS

AND $R \times C = \text{TIME CONSTANT}$

FOR EXAMPLE, IF YOU HAD A CIRCUIT LIKE THIS:



YOU CAN DETERMINE WHEN E_O IS ANY PERCENTAGE OF E_{IN} SIMPLY BY FINDING % WITH THE NUMBER AT THE RIGHTHAND SIDE OF THE CHART. I.E., E_O WILL BE 50% OF E_{IN} IN 0.69 TIME CONSTANTS. THE RIGHT-HAND SIDE CAN ALSO BE EXPRESSED DIRECTLY IN SECONDS BY MULTIPLYING THE NUMBER THERE BY $R \times C$. I.E., E_O WILL BE 80% OF E_{IN} IN EXACTLY 0.35 TIME CONSTANTS AFTER E_{IN} IS APPLIED.

FIRST CLASS MAIL

THE "BLURB"
A PHIL-MONT MOBILE RADIO
CLUB PUBLICATION
124 CENTRAL AVENUE NORTH HILLS, PA. 19038



PHIL-MONT
MOBILE RADIO CLUB, INC.